**Web**Results 1 - 10 of about 115,000 for [algebraic curve mapping cryptography](#) . (0.19 seconds)Things of interest to number theorists

To the **algebraic curve** we can associate a Jacobian. ... In this fourth talk, we will start by showing that the map  $F$ , coming from functions on the **curve** is ...  
[math.scu.edu/~eschaefe/nt.html](http://math.scu.edu/~eschaefe/nt.html) - 11k - [Cached](#) - [Similar pages](#)

[PDF] **ALGEBRAIC CURVES AND CRYPTOGRAPHY** 1. Introduction In 1975, Diffie ...File Format: PDF/Adobe Acrobat - [View as HTML](#)

some topics in **algebraic curve cryptography**, with an emphasis on recent ...  
 may not be possible to construct multilinear **maps** from **algebraic** geometry ...  
[www.cacr.math.uwaterloo.ca/techreports/2005/cacr2005-02.pdf](http://www.cacr.math.uwaterloo.ca/techreports/2005/cacr2005-02.pdf) - Sep 17, 2005 - [Similar pages](#)

**Algebraic curve cryptography**

**Algebraic curve cryptography** needs entirely different background: number theory, ...  
 ... **mapping** from  $\mathbb{P}^1$  to  $\mathbb{P}^1_{(q^k)^*}$  for some  $k$  if the elliptic **curve** is ...  
[cheep.math.sci.osaka-u.ac.jp/~suzuki/ACC.html](http://cheep.math.sci.osaka-u.ac.jp/~suzuki/ACC.html) - 6k - [Cached](#) - [Similar pages](#)

**Elliptic Curves** (Spring semester 2005)

Students who are not acquainted with **algebraic** geometry are encouraged to take the ...  
 ... LC Washington, **Elliptic Curves**, Number Theory and **Cryptography**, ...  
[www.math.leidenuniv.nl/~ekkeikam/elliptic\\_curves/](http://www.math.leidenuniv.nl/~ekkeikam/elliptic_curves/) - 13k - [Cached](#) - [Similar pages](#)

**Pairings In Cryptography '05**

**Curve** based **cryptography** found some extra applications in protocols using pairings.  
 Even though they are usually stated as using bilinear **maps** from  $G_1$  ...  
[pic.computing.dcu.ie/timetable.html](http://pic.computing.dcu.ie/timetable.html) - 33k - [Cached](#) - [Similar pages](#)

**simple closed curve**: Definition and Much More From Answers.com

A closed **curve** is thus a continuous **mapping** of the circle  $S^1$ ; a simple closed **curve** is ... These definitions also apply to **algebraic curves** (see below). ...  
[www.answers.com/topic/curve-1](http://www.answers.com/topic/curve-1) - 50k - [Cached](#) - [Similar pages](#)

**Selected Topics**

Introduction to **Cryptography**. The purpose of this course is to acquaint the ...  
 This course covers some basic results about **algebraic curves** that are useful ...  
[virtual.clemson.edu/groups/mathsci/graduate/ms985.html](http://virtual.clemson.edu/groups/mathsci/graduate/ms985.html) - 4k - [Cached](#) - [Similar pages](#)

**[PDF] Elliptic Curve Cryptography— Good Enough for Government Work**File Format: PDF/Adobe Acrobat - [View as HTML](#)

One advantage of elliptic **curve cryptography** is that, unlike factoring and the ...  
 ... But the special **algebraic** nature of elliptic **curves** presents some ...  
[www.siam.org/siamnews/10-02/cryptography.pdf](http://www.siam.org/siamnews/10-02/cryptography.pdf) - [Similar pages](#)

**Tanja Lange's Homepage**

Interpolation of the Elliptic-Curve Diffie-Hellman **Mapping**, ... talk at Computational Aspects of **Algebraic Curves**, and **Cryptography**, Gainesville ...  
[www.ruhr-uni-bochum.de/itsc/tanja/](http://www.ruhr-uni-bochum.de/itsc/tanja/) - 16k - [Cached](#) - [Similar pages](#)

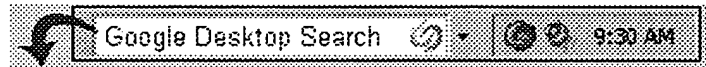
**Reference.com/Encyclopedia/Curve**

A closed **curve** is thus a continuous **mapping** of the circle  $S^1$  ; a simple closed **curve** is ... These definitions also apply to **algebraic curves** (see below). ...

[www.reference.com/browse/wiki/Curve](http://www.reference.com/browse/wiki/Curve) - 28k - [Cached](#) - [Similar pages](#)

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## » Key

IEEE JNL IEEE Journal or Magazine

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IEEE JNL IEEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEEE CNF IEEE Conference Proceeding

IEEE STD IEEE Standard

- |                          |  |
|--------------------------|--|
| <input type="checkbox"/> | <b>1. Improving the stability of algebraic curves for applications</b><br>Tasdizen, T.; Tarel, J.-P.; Cooper, D.B.;<br>Image Processing, IEEE Transactions on<br>Volume 9, Issue 3, March 2000 Page(s):405 - 416<br>Digital Object Identifier 10.1109/83.826778<br><a href="#">AbstractPlus</a>   <a href="#">References</a>   Full Text: <a href="#">PDF</a> (280 KB) IEEE JNL                                    |
| <input type="checkbox"/> | <b>2. Algebraic curves that work better</b><br>Tasdizen, T.; Tarel, J.-P.; Cooper, D.B.;<br>Computer Vision and Pattern Recognition, 1999. IEEE Computer Society Conf<br>Volume 2, 23-25 June 1999 Page(s):<br>Digital Object Identifier 10.1109/CVPR.1999.784605<br><a href="#">AbstractPlus</a>   Full Text: <a href="#">PDF</a> (596 KB) IEEE CNF   |
| <input type="checkbox"/> | <b>3. Algebraic curve fitting for multidimensional data with exact squares dista</b><br>Mizuta, M.;<br>Systems, Man, and Cybernetics, 1996., IEEE International Conference on<br>Volume 1, 14-17 Oct. 1996 Page(s):516 - 521 vol.1<br>Digital Object Identifier 10.1109/ICSMC.1996.569845<br><a href="#">AbstractPlus</a>   Full Text: <a href="#">PDF</a> (348 KB) IEEE CNF                                       |
| <input type="checkbox"/> | <b>4. Parameterized families of polynomials for bounded algebraic curve and s</b><br>Taubin, G.; Cukierman, F.; Sullivan, S.; Ponce, J.; Kriegman, D.J.;<br>Pattern Analysis and Machine Intelligence, IEEE Transactions on<br>Volume 16, Issue 3, March 1994 Page(s):287 - 303<br>Digital Object Identifier 10.1109/34.276128<br><a href="#">AbstractPlus</a>   Full Text: <a href="#">PDF</a> (2144 KB) IEEE JNL |
| <input type="checkbox"/> | <b>5. Multiple view geometry of non-planar algebraic curves</b><br>Kaminski, J.Y.; Fryers, M.; Shashua, A.; Teicher, M.;<br>Computer Vision, 2001. ICCV 2001. Proceedings. Eighth IEEE International C<br>Volume 2, 7-14 July 2001 Page(s):181 - 186 vol.2<br>Digital Object Identifier 10.1109/ICCV.2001.937622<br><a href="#">AbstractPlus</a>   Full Text: <a href="#">PDF</a> (480 KB) IEEE CNF                |
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Computer Graphics and Applications, IEEE  
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